

IN THE SPECIFICATION

Please replace paragraphs [0037] and [0038] with the following paragraphs:

[0037] ~~FIGS. 4A-4D. Maximal~~FIG. 4A illustrates the maximal fluorescent signals of the spots as detected by the Storm of the binding of Mab GO1 to the peptide nr 1 (SEQ ID NO: 2), 2 (SEQ ID NO: 3), 3 (SEQ ID NO: 4) and 4 (SEQ ID NO: 5) on graft 6/12Ac using ~~four different peptide concentrations~~concentration of 1 mg/ml and five different gridding pins ~~are shown. Peptide concentrations: FIG. 4A: 1 mg/ml; FIG. 4B: 0.2 mg/ml; FIG. 4C: 0.04 mg/ml and FIG. 4D: 0.008 mg/ml.~~

[0037.1] FIG. 4B illustrates the maximal fluorescent signals of the spots as detected by the Storm of the binding of Mab GO1 to the peptide nr 1 (SEQ ID NO: 2), 2 (SEQ ID NO: 3), 3 (SEQ ID NO: 4) and 4 (SEQ ID NO: 5) on graft 6/12Ac using a peptide concentration of 0.2 mg/ml and five different gridding pins.

[0037.2] FIG. 4C illustrates the maximal fluorescent signals of the spots as detected by the Storm of the binding of Mab GO1 to the peptide nr 1 (SEQ ID NO: 2), 2 (SEQ ID NO: 3), 3 (SEQ ID NO: 4) and 4 (SEQ ID NO: 5) on graft 6/12Ac using a peptide concentration of 0.04 mg/ml and five different gridding pins.

[0037.3] FIG. 4D illustrates the maximal fluorescent signals of the spots as detected by the Storm of the binding of Mab GO1 to the peptide nr 1 (SEQ ID NO: 2), 2 (SEQ ID NO: 3), 3 (SEQ ID NO: 4) and 4 (SEQ ID NO: 5) on graft 6/12Ac using a peptide concentration of 0.08 mg/ml and five different gridding pins.

[0038] ~~FIGS. 5A-5C. Maximal~~FIG 5A illustrates maximal fluorescent signals of the spots as detected by the Storm of the binding of Mab GO 1 to peptides nr 1 (SEQ ID NO: 2), 2 (SEQ ID NO: 3), 3 (SEQ ID NO: 4) and 4 (SEQ ID NO: 5) ~~are shown. (Peptide concentration 0.2 mg/ml) on graft 6/12Ac, 9/30Ac and 12/50Ac. FIG. 5A: graft 6/12Ac; FIG. 5B: graft 9/30Ac; FIG. 5C: graft 12/50Ac.~~

~~[0037]~~[0038.1] FIG 5B illustrates maximal fluorescent signals of the spots as detected by the Storm of the binding of Mab GO 1 to peptides nr 1 (SEQ ID NO: 2), 2 (SEQ ID NO: 3), 3 (SEQ ID NO: 4) and 4 (SEQ ID NO: 5) (Peptide concentration 0.2 mg/ml) on graft 9/30Ac.

[0038.2] FIG 5C illustrates maximal fluorescent signals of the spots as detected by the Storm of the binding of Mab GO 1 to peptides nr 1 (SEQ ID NO: 2), 2 (SEQ ID NO: 3), 3 (SEQ ID NO: 4) and 4 (SEQ ID NO: 5) (Peptide concentration 0.2 mg/ml) on graft 12/50Ac.

Please replace the Abstract following the claims with the following paragraph:

The invention relates to the detection of biomolecules or analogs ~~thereof~~ of the biomolecules in micro-arrays and the supports used for the micro-arrays. Methods for determining or testing binding of a first member molecule within an array or library of tentative first member binding molecules for binding with a second member binding molecule are disclosed. A support for a micro-array suitable for determining binding of a first member molecule within a library of spots of tentative first member binding molecules with a second member binding molecule is disclosed. The support includes a support surface wherein surface patches are interspersed within surface areas that are materially distinct from the patches.